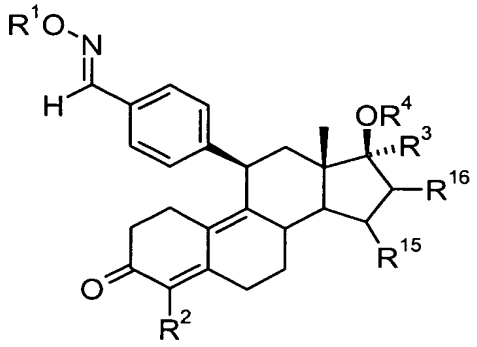
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. **(Previously Presented)** A compound of formula I



(I)

in which radicals R^1, R^2, R^3, R^4 and R^5 as well as R^{15} and R^{16} have the following meaning:

R^1 is a hydrogen atom, an alkanoyl radical with 1 to 10 carbon atoms or an optionally substituted benzoyl radical with 6-10 carbon atoms or a radical $CONHR^5$, whereby R^5 is a hydrogen atom, an alkyl or acyl radical with 1-10 carbon atoms in each case or an alkylaryl or aralkyl radical with 6-10 carbon atoms in each case,

R^2 is a halogen atom or a CF_3 group,

R^3 is a hydrogen atom or a group CH_2X, in which X stands for a hydrogen atom, a hydroxy group, a halogen atom, an alkyl radical with 1 or 2 carbon atoms, or X stands for a radical $(CH_2)_nCH_2Y$ with n = 0 or 1, and Y stands for a halogen atom,

whereby if

R^2 is a halogen atom, R^3 in addition can mean a group $C_nF_mH_o$, whereby n = 1, 2, 3, 4 or 5, m > 1 and m + o = 2n + 1,

R^4 means a hydrogen atom, an alkyl or alkanoyl radical that consists of 1-10 carbon atoms in each case or a benzoyl radical with 6-10 carbon atoms or a radical $-CONHR^5$, whereby R^5 has the above-indicated meaning, and

R^{15} and R^{16} represent hydrogen atoms or together a double bond.

Claim 2. **(Previously Presented)** A compound of formula 1 according to claim 1, in which R^2 is a chlorine or bromine atom.

Claim 3. **(Previously Presented)** A compound of formula I according to claim 1, in which R^3 is a hydrogen atom or a group CH_2X,

in which X is a hydrogen atom, a hydroxy group, a halogen

atom, or a straight-chain or branched or unsaturated alkyl radical with 1-2 carbon atoms, a radical $(CH_2)_nCH_2Y$ with n = 0 or 1, and Y is a halogen atom.

Claim 4. **(Previously Presented)** A compound of formula I, according to claim 1, wherein R^4 is a hydrogen atom or an alkyl radical with 1 to 4 carbon atoms.

Claim 5. **(Currently Amended)** A compound of formula I according to claim 1, in which R^1 means a hydrogen atom, R^2 stands for ~~a hydrogen atom,~~ a chlorine atom or a bromine atom, and R^3 can be a hydrogen atom, a methyl group, or a CH_2-X group, whereby X stands for a fluorine, chlorine or bromine atom or a hydroxy group.

Claim 6. **(Previously Presented)** A compound of formula I, according to claim 1, which is:

4-[4'-Bromo-17β-hydroxy-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

4-[4'-Bromo-17β-hydroxy-17α-methyl-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

4-[4'-Bromo-17β-hydroxy-17α-trifluoromethyl-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

4-[17β-Acetoxy-4'-bromo-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

4-[17β-Acetoxy-4'-bromo-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-O-acetyloxime,

4-[4'-Chloro-17β-hydroxy-17α-trifluoromethyl-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

4-[4'-Chloro-17β-hydroxy-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

4-[4'-Bromo-17α-fluoromethyl-17β-hydroxy-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

4-[4'-Bromo-17α-chloromethyl-17β-hydroxy-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

4-[4'-Bromo-17α-bromomethyl-17β-hydroxy-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

4-[4'-Chloro-17β-methoxy-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

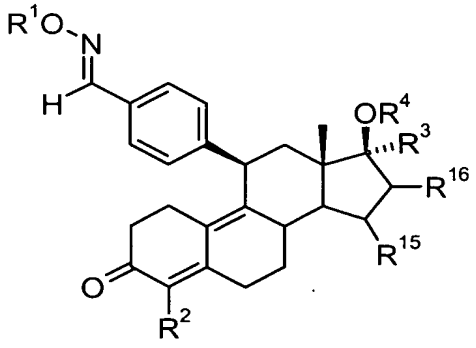
4-[4'-Chloro-17α-chloromethyl-17β-hydroxy-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime,

4-[17β-Methoxy-4'-trifluoromethyl-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1-(E)-oxime, or

4-[4'-Chloro-17β-hydroxy-17α-methyl-3-oxoestra-4,9-dien-11β-yl]benzaldehyde-1(E)-oxime,

Claim 7. (Previously Presented) A pharmaceutical composition comprising at least one compound of formula I according to claim 1 and a pharmaceutically compatible vehicle.

Claim 8. (Previously Presented) A method for female birth control, for treating dysfunctional bleeding, for treating dysmenorrhea, for inducing an amenorrhea, or for treating hormonal disorders in postmenopausal women, comprising administering to a female



(I')

a compound of formula I'

in which radicals R^1, R^2, R^3, R^4 and R^5 as well as R^{15} and R^{16} have the following meaning:

R^1 is a hydrogen atom, an alkanoyl radical with 1 to 10 carbon atoms or an optionally substituted benzoyl radical with 6-10 carbon atoms or a radical $CONHR^5$, whereby R^5 is a hydrogen atom, an alkyl or acyl radical with 1-10 carbon atoms in each case or an alkylaryl or aralkyl radical with 6-10 carbon atoms in each case,

R^2 is a halogen atom or a CF_3 group,

R^3 is a hydrogen atom or a group CH_2X, in which X stands for a hydrogen atom, a hydroxy group, a halogen atom, an alkyl radical with 1 or 2 carbon atoms, or X stands for a radical $(CH_2)_nCH_2Y$ with n = 0 or 1, and Y stands for a halogen atom,

whereby if

R^2 is a halogen atom, R^3 in addition can mean a group $C_nF_mH_o$, whereby n = 1, 2, 3, 4 or 5, m > 1 and m + o = 2n + 1,

R^4 means a hydrogen atom, an alkyl or alkanoyl radical that consists of 1-10 carbon atoms in each case or a benzoyl radical with 6-10 carbon atoms or a radical $-CONHR^5$, whereby R^5 has the above-indicated meaning, and

R^{15} and R^{16} represent hydrogen atoms or together a double bond.

Claim 9. (Previously Presented) A method for treating dysfunctional bleeding according to claim 8, comprising administering to a host in need thereof a compound of formula I'.

Claim 10. (Previously Presented) A method for treating dysmenorrhea according to claim 8, comprising administering to a host in need thereof a compound of formula I'.

Claim 11. **(Previously Presented)** A method for inducing an amenorrhea according to claim 8, comprising administering to a host in need thereof a compound of formula I'.

Claim 12. **(Previously Presented)** A method for treating hormonal disorders in postmenopausal women according to claim 8, comprising administering to a host in need thereof a compound of formula I'.

Claim 13. **(Previously Presented)** A process for treating endometriosis or uterus myomatoses, comprising administering to a host in need thereof a compound of claim 1.

Claim 14. **(Previously Presented)** A method according to claim 8, wherein the compound is administered in combination with at least one low-dose natural or synthetic estrogen.

Claim 15. **(Previously Presented)** A method according to claim 14, comprising using an estrogen as its 3-sulfamate.

Claim 16. **(Previously Presented)** A method according to claim 15, wherein the estrogen-3-sulfamate is 17β-hydroxy-estra-1,3,5(10)-trien-3yl-sulfamate.

Claim 17. **(Previously Presented)** A method for the production of a pharmacological agent, comprising bringing together a compound of claim 1 and a pharmacologically acceptable carrier.

Claim 18. **(Previously Presented)** A method for female birth control, comprising administering to a female a compound according to claim 1.

Claim 19. **(Previously Presented)** A method according to claim 18, wherein the compound is administered in combination with at least one low-dose natural or synthetic

estrogen.

Claim 20. (Previously Presented) A method according to claim 19, comprising using an estrogen as its 3-sulfamate.

Claim 21. (Previously Presented) A method according to claim 13, wherein the compound is administered in combination with at least one low-dose natural or synthetic estrogen.

Claim 22. (Previously Presented) A method according to claim 21, comprising using an estrogen as its 3-sulfamate.